

# **WIRELESS HEARTBEAT-DETECTING DEVICE WITH ELECTRO-MAGNETIC INTERFERENCE SHIELDING DEVICE**

## **ABSTRACT OF THE DISCLOSURE**

A wireless heartbeat-detecting device with electro-magnetic interference shielding device is provided with a shielding member that is mounted via downward extended locating legs thereof on a circuit board to locate above a transmitting antenna by a predetermined distance. A heartbeat signal transmitted from the transmitting antenna is shielded by the shielding member and is sent to a nearby corresponding receiver via only a number of limited signal transmitting paths. Therefore, when a multiple sets of such wireless heartbeat-detecting devices are used at neighboring locations, signals transmitted from the devices do not interfere with one another.